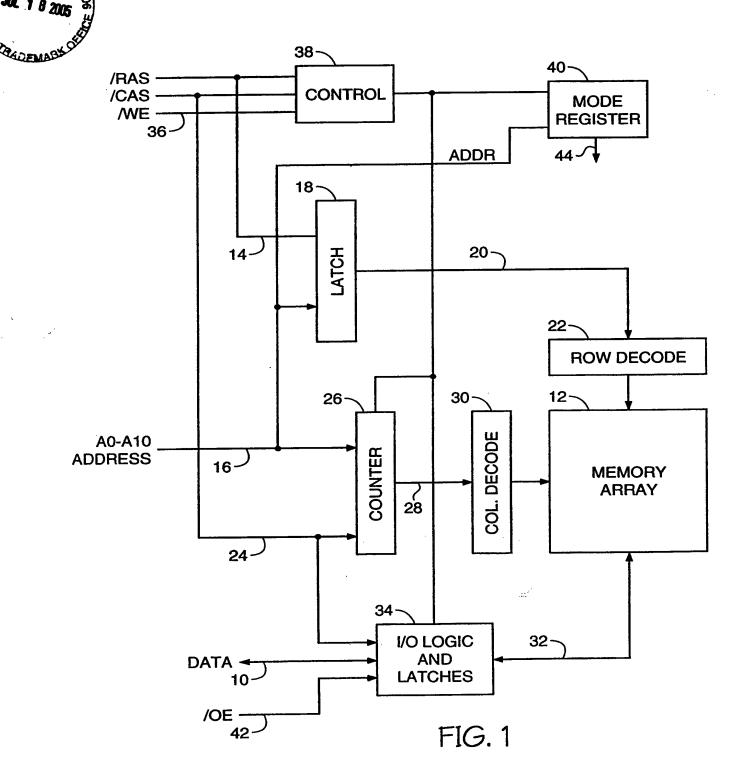
INVENTOR'S NAME: Brett L. Williams

SERIAL NO.: 09/510,375 DOCKET NO.: 303.164US3





TITLE: SYSTEM SUPPORTING MULTIPLE MEMORY MODES INCLUDING A BURST EXTENDED DATA OUT MODE

INVENTOR'S NAME: Brett L. Williams
SERIAL NO.: 09/510,375 DOCKET NO.: 303.164US3

Burst	Starting Column Address				
Length	A ₂	A ₁	A ₀	Linear	Interleave
2	٧	٧	0	0-1	0-1
	٧	٧	1	1-0	1-0
4	٧	0	0	0-1-2-3	0-1-2-3
	٧	0	1	1-2-3-0	1-0-3-2
	٧	1	0	2-3-0-1	2-3-0-1
	>	1	1	3-0-1-2	3-2-1-0
8	0	0	0	0-1-2-3-4-5-6-7	0-1-2-3-4-5-6-7
	0	0	1	1-2-3-4-5-6-7-0	1-0-3-2-5-4-7-6
	0	1	0	2-3-4-5-6-7-0-1	2-3-0-1-6-7-4-5
	0	1	1	3-4-5-6-7-0-1-2	3-2-1-0-7-6-5-4
	1	0	0	4-5-6-7-0-1-2-3	4-5-6-7-0-1-2-3
	1	0	1	5-6-7-0-1-2-3-4	5-4-7-6-1-0-3-2
	1	1	0	6-7-0-1-2-3-4-5	6-7-4-5-2-3-0-1
	1	1	1	7-0-1-2-3-4-5-6	7-6-5-4-3-2-1-0

FIG. 2

TITLE: SYSTEM SUPPORTING MULTIPLE MEMORY MODES INCLUDING A BURST EXTENDED DATA OUT MODE

INVENTOR'S NAME: Brett L. Williams

SERIAL NO.: 09/510,375 DOCKET NO.: 303.164US3

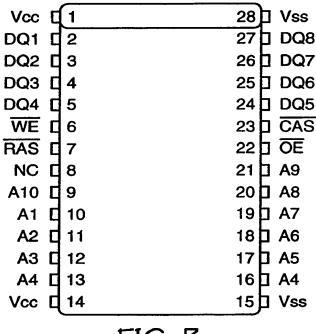
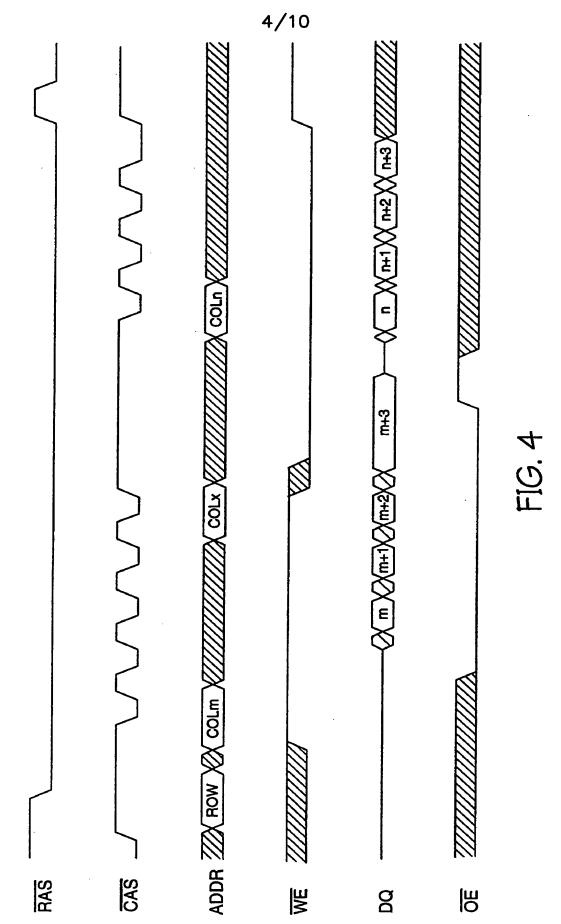
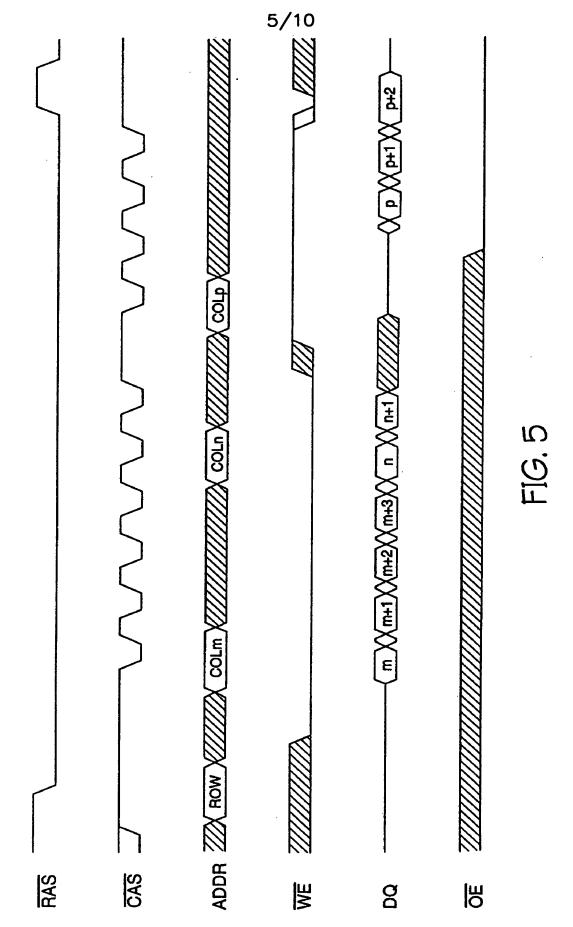
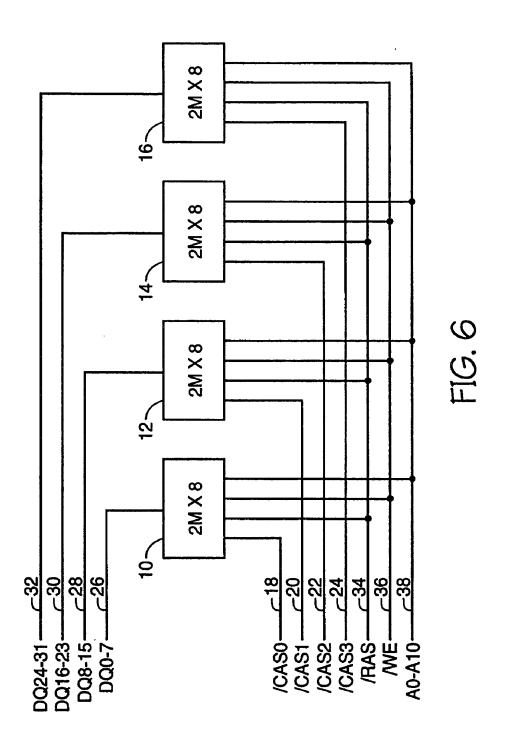
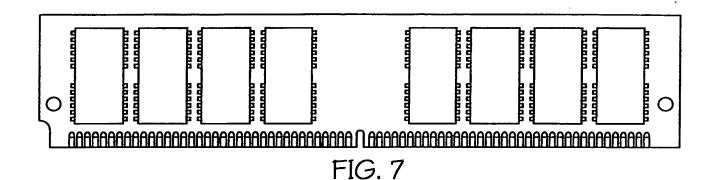


FIG. 3



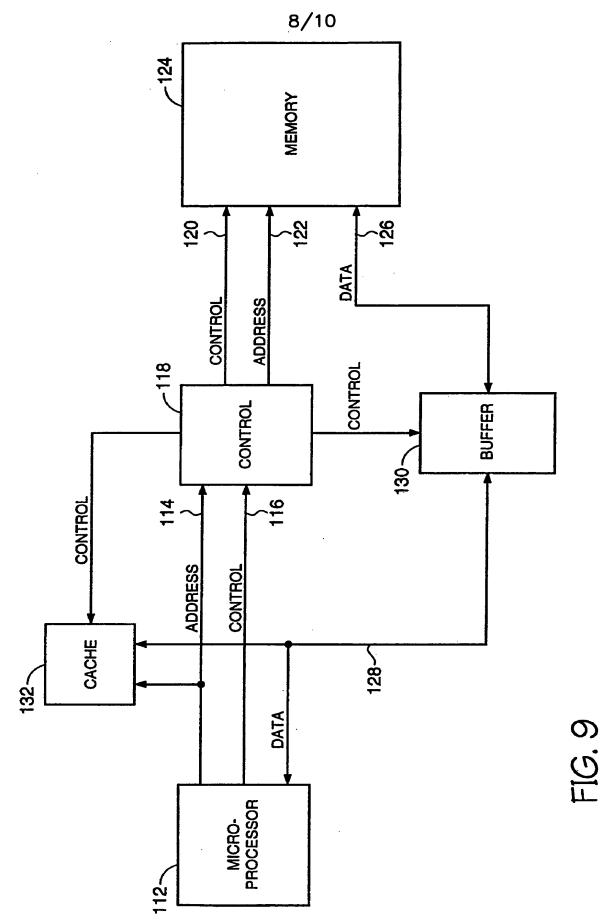






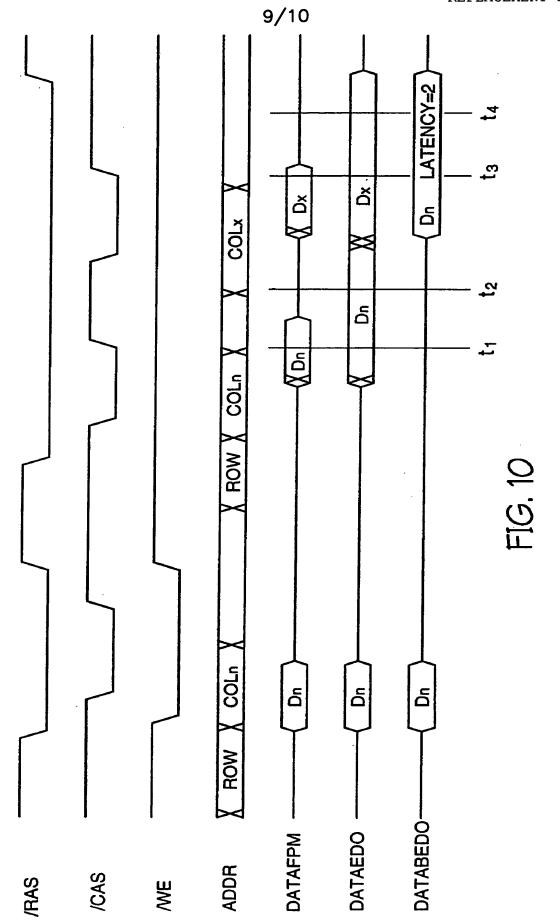
SYMBOL PIN# **SYMBOL** PIN# PIN# **SYMBOL** PIN# **SYMBOL** 1 Vss 19 A10 37 NC 55 **DQ12** NC DQ1 20 DQ5 2 38 56 **DQ28** Vss 3 **DQ17** 21 **DQ21** 39 57 **DQ13** 22 **CASO** 4 DQ2 DQ6 40 **DQ29** 58 23 CAS₂ **DQ18 DQ22** Vcc 5 41 59 DQ3 24 DQ7 42 CAS₃ 60 **DQ30** 6 CAS₁ 7 **DQ19** 25 **DQ23** 43 61 **DQ14** DQ4 DQ8 **RASO** 26 44 62 **DQ31** 8 **DQ20** 27 **DQ24** 45 RAS₁ **DQ15** 9 63 Vcc 28 **A7 OE** 10 46 64 **DQ32** PD5 29 NC 47 WE **DQ16** 11 65 **A0** PD EDO 30 Vcc PD ECC 12 48 66 **A1** 31 **8A** 49 DQ9 67 PD1 13 14 **A2** 32 **A9** 50 **DQ25** 68 PD2 PD3 **A3** NC 51 **DQ10** 15 33 69 PD4 NC **DQ26** 70 16 **A4** 34 52 17 **A5** 35 NC 53 **DQ11** 71 PD refresh 18 **A6** 36 NC 54 **DQ27** 72 Vss

FIG. 8



INVENTOR'S NAME: Brett L. Williams

SERIAL NO.: 09/510,375 DOCKET NO.: 303.164US3 REPLACEMENT SHEET



REPLACEMENT SHEET

